

## Special Application Restrictions in Greenhouses:

COLUMN A When a pesticide is applied:	COLUMN B Workers and other persons are prohibited in:	COLUMN C Until:	COLUMN D After the expiration time in Column C until the REI expires, the entry-restricted area is:
1. As a fumigant.	Entire greenhouse plus any adjacent structure that cannot be sealed off from the treated area.	The ventilation criteria listed are met.	No entry restrictions after criteria in Column C are met.
2. As a # smoke, or # mist, or # fog, or # aerosol.	Entire enclosed area.	The ventilation criteria listed are met.	Entire closed area is the treated area.
3. Under circumstances (other than 1 or 2) for which the pesticide label requires the applicator to wear a respirator.	Entire enclosed area.	The ventilation criteria listed are met.	Pesticide-treated area.
4. Other than in 1, 2, or 3, but: # From a height of greater than 12 in. from the planting medium, or # As a fine spray, or # Using a spray pressure greater than 40 pounds per square inch.	Pesticide-treated area plus 25 feet in all directions within the entire enclosed area.	Application is complete.	Pesticide-treated area.
5. In any other manner.	Pesticide-treated area.	Application is complete.	Pesticide-treated area.

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# WORKER PROTECTION STANDARD REQUIREMENTS

Special application restrictions  
in greenhouses



This brochure will assist in compliance with the special provisions for greenhouses, but does not cover the complete scope of the Worker Protection Standard requirements.

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## Does the Worker Protection Standard apply to you?

☼ The Worker Protection Standard (WPS) is a regulation of the U. S. Environmental Protection Agency administered by the Division of Pesticide Control which covers pesticides that are used for the production of agricultural plants on farms, forests, nurseries, and greenhouses.

☼ If you employ workers or pesticide handlers, the WPS requires you to provide your employees information, protection, and mitigation concerning exposure to pesticides.

☼ You are subject to the Worker Protection Standard if you use pesticides with labeling that refers to the WPS under the heading "Agricultural Use Requirements" .

☼ A **Worker** is anyone employed for compensation and is performing tasks related to the production of agricultural plants in the greenhouse.

☼ A **Handler** is anyone employed for compensation by the agricultural employer that uses pesticides in the production of agricultural plants in the greenhouse including those people entering the greenhouse after the application and before the inhalation exposure level or ventilation criteria has been reached.

### Ventilation Criteria:

If ventilation restrictions apply, as detailed in Column C of the table insert, make sure that one of the following criteria is met:

- ◆ The concentration of the pesticide in the air is measured to be less than or equal to any inhalation exposure level on the label.
- ◆ If no inhalation exposure level is on the label keep workers out until after:
  - ◇ 10 air exchanges, or
  - ◇ 2 hours of ventilation using fans or mechanical systems, or
  - ◇ 4 hours of ventilation using vents, or passive ventilation, or
  - ◇ 11 hours with no ventilation followed by 1 hour of mech. ventilation, or
  - ◇ 11 hours with no ventilation followed by 2 hours of passive ventilation, or
  - ◇ 24 hours with no ventilation.

☼ After ventilation criteria are met and until the REI expires: do not allow workers into the treated (Column D in table insert). You may allow workers into the areas just outside the treated area that were off-limits during the application.

### Application Restrictions In Greenhouses:

Use the table insert to determine if any persons other than a handler can be in the areas specified in column B, during any application described in column A.

### Monitoring Handlers:

For a complete copy of the Worker Protection Standard contact your local county cooperative extension or the Standard is available on the internet at:  
<http://www.epa.gov/pesticides/safety/workers/PART170.htm>

☼ Someone must maintain constant visual or voice contact with any handler who is applying or handling a fumigant in a greenhouse, including handlers who enter the greenhouse to operate ventilation systems, adjust tarps, or check air levels. The person monitoring the fumigant handler must be trained as a pesticide handler and have access to PPE that the fumigant label requires.

☼ At least once every 2 hours, someone must check on-by sight or voice communication-any handler who is handling a pesticide that has a skull and crossbones label on it.

**Notice  
Pesticide Ap-**



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### Applications:

☼ All pesticide applications shall be posted. In greenhouses, the signs shall be posted so they are visible from all usual points of worker entry to the treated area.

☼ If the pesticide label requires both posting of the treated area and oral notification, the agricultural employer must provide to workers the oral warning consisting of location and description of treated area, the time which entry is restricted, and instructions not to enter this area until the REI expires.